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MENDMENTS

IN THE SPECIFICATION: .

Please insert the following replacement paragraph in the specification at page 18, Il. 13-17:

The recombinant vector for the surface expression in the present invention was transformed to Escherichia coli and the bacterial transformant including pHCE2LB: pgsA-HPV L1 has been was deposited on October 4, 2002 to Korea Research Institute of Bioscience and Biotechnology, Gene Bank (KCTC, Taejon si, Eusung gu, Eoun dong 5252 Qun-dong, Yusong-ku, Taejon 305-333, Republic of Korea) with the accession number KCTC 10349 BP.

Please insert the following replacement paragraphs in the specification at page 25, line 22 to page 26, line 17:

The primers of SEQ ID. NO. 6 and SEQ ID. NO. 7 were made to include the recognition sites of restriction enzyme Bam HI and HindIII present in the cloning vector pGNBCA for the surface expression. The HPV L1 E7 antigen gene amplified above was digested with the restriction enzyme Bam HI and HindIII and ligated and adjusted in translation codons to the C-terminal region of cell outer membrane protein gene pgsA which participates in the synthesis of poly-xyglutamate and is derived from the cloning vector pGNBCA so as to manufacture the recombinant vector pGNBCA-HPV E7.

In order to obtain the DNA fragment containing HCE promoter, pgsBCA and HPV Li E7 from the recombinant vector pGNBCA-HPV E7 prepared above, the recombinant vector was digested with the restriction enzyme Nhe I and Sca I and the resulting fragment was inserted to the restriction enzyme XbaI and Sma I site within the multi-cloning site of common cloning vector pAT19 for Gram positive bacteria so as to construct the recombinant vector pHCE2LB:pgsBCA-HPVE7 (See Fig. 5).

The recombinant vector for the surface expression in the present invention was transformed to Escherichia coli and the bacterial transformant including pHCE2LB:pgsBCA-HPVL-1E7 has been was deposited on October 7, 2003 to Korea Research Institute of Bioscience and Biotechnology Gene Bank (KCTC, Taejon-si, Eusung gu, Eoun-dong 5252 Qun-dong, Yusongku, Tagion 305-333, Republic of Korea) with the accession number KCTC 10520 BP.